Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No. 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/F-Aggregate/301/2020-21	Date	09.01.2020

TEST REPORT ON FINE AGGRERGATE

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Technical Director M/s Karnataka Rural Infrastructure Development Limited, Grameenabhirvudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Construction of RCC Drains And CulVerts at Kenchenahalli And Nagenahalli Layout ISRO Layout Harohalli ans Surrounding areas in Chowdeshwari Ward No.02, of Yelahanka Sub division.
Work Order No	BBMP/EE/YNK.D/W.O/229/2019-20
Job Code No	002-20-000035
Clients Letter Dated	06.01.2020
Source of Sample	Supplied by Client
Date of Testing	08.01.2020
Technical Referance	IS: 2386 (Part I)– 1963 , IS: 383 – 2016

GRADATION OF FINE AGGEGATES

Weight of Sample			1000	g	PERCENTAGE OF PASSING (GRADING)			
Sieve No	Weight of Sample	Percentage of Retained sample	Cumulative Percentage of Retained sample	Percentage Finer	Zone-I	*Zone-II*	Zone-II	zone-IV
10	0	0	0	100	100	*100*	100	100
4.75	0	0.00	0.00	100.00	90 – 100	*90 – 100*	90 – 100	90-100
2.36	10.6	1.06	1.06	98.94	60 – 95	*75 – 100*	85 – 100	95-100
1.18	197.8	19.78	20.84	79.16	30 – 70	*55 – 90*	75 – 100	90-100
0.6	324.4	32.44	53.28	46.72	15 – 34	*35 – 59*	60 – 79	80-100
0.3	272.4	27.24	80.52	19.48	5 – 20	*8 – 30*	12 – 40	15-50
0.15	152	15.20	95.72	4.28	0 – 10	*0 – 10*	0 – 10	0-15

** As furnished by the client*

Note : The above tested sample satisfies the requirement of IS:383-2016

For Karnataka Material Test House Pvt ltd.,

Prepared & Checked by
Nagaraj K S

AE-02

Approved by
Narayanswamy.B

.....End of Report.....

Note
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2. The results listed refer only to the samples and applicable parameters.
3. Any corrections, if any, made to this report invalidate it.

Off & Lab: No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalli, RMV 2nd Stage, BENGALURU 560094

Ph.:080- 2341 8668, 23511213 **Mobile: 94485 15258** E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com

M/s Karnataka Consultancy Services is Sister Concern of KMTHPL

Karnataka Material Test House Pvt. Ltd.,

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No	KMTH/Cubes/317/2020-21	Date	28.02.2020

TEST RESULTS ON CONCRETE CUBES

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Technical Director M/s Karnataka Rural Infrastructure Development Limited, Grameenabhirvudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Third Party Consultant	M/s Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of Project & Address	Construction of RCC Drains And CulVerts at Kenchenahalli And Nagenahalli Layout ISRO Layout Harohalli ans Surrounding areas in Chowdeshwari Ward No.02, of Yelahanka Sub division.
Work Order No	BBMP/EE/YNK.D/W.O/229/2019-20
Job Code No	002-20-000035
Clients Letter Dated	27.02.2020
Date of Sample Received	27.02.2020
Source of Sample	Supplied by the Client
Date of Testing	27.02.2020
Dimensions of Specimens in mm	150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00 150.00 x 150.00 x 150.00
Grade of Concrete	M20

Compressive Strength test as per guidelines of IS-516-1959 has been conducted on the concrete cube specimens supplied

Sl No A&E-2	Cubes Pertaining to the concrete Cast at*(Details of structural Member Identification	Date of Casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm²)	Weight of Specimen (gm)	Load In KN	Compressive Strength in Nmm²
1	Drains(raft)	28.01.2020	27.02.2020	28 Days	22500.00	8124	572.3	25.44
2		28.01.2021	27.02.2021		22500.00	7989	540.5	24.02
3		28.01.2022	27.02.2022		22500.00	8030	546.3	24.28

1N/Sq.mm=10kg/Sq.cm(Approx) * As furnished by the client

Note; A Minimum of three cube specimens shall be supplied fo testing as per IS:516-1959

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked by
Nagaraj K S

Approved by
Narayanswamy B.

.....End of Report.....

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